



IFCC GENERAL CONFERENCE  
BUDAPEST NOVEMBER 9-11, 2018

# IFCC General Conference 2018

## Laboratory medicine: Preparing for the 2020's

10th – 11th November 2018  
Hotel Novotel Budapest City, Hungary



International Federation  
of Clinical Chemistry  
and Laboratory Medicine

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## Report : Arab Federation of Clinical Biology

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ARAB FEDERATION OF  
CLINICAL BIOLOGY  
AFCB

**Pr Abderrazek Hedhili**  
IFCC Regional Member ( AFCB )



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## Presentation OF the AFCB



- **The AFCB is a regional federation of associations, societies and syndicates of clinical biology and medicine laboratory created in 1974 by Egypt , Syria , Sudan and Kuwait**
- **Principal Objective: the Development of the clinical Biology and laboratory medicine in the Arabic World .**



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## Societies : ASSOCIATIONS and Syndicates Members (12)



- **Egypt ,1974 ( Pr Mohamed Shaarawy , Egytian Society of Clinical Chemistry and Laboratory Medicine ESCCLM ),**
- **Syria ,1974 (Dr Mohamed Najjar Tinaoui , Syrian Clinical Laboratory Association SCLA )**
- **Sudan , 1974 (Imead Fadl Elmula , Sudanese Society of clinical Biology SSCB )**
- **Tunisia , 1991 (Pr Taieb Messoud Tunisian Society of Clinical Biology STBC ),**
- **Algeria , 1991 (Dr Abdelhalim Chachou ,Association des laboratoires d'Analyse Medicale ALAM )**
- **Morocco , 1991 ( Pr Layachi Chabraoui Society Marocaine de Chimie Clinique SMCC),**
- **Jordan , 1991 ( Pr Youssef Bilto , JSMLS Jordanian Society for Medical Laboratory Sciences),**
- **Lebanon ,1994 ( Dr Christian Haded ,Syndicat des Biologistes du Liban SNBL ),**
- **Palestine , 1997 ( Dr Osama Najjar, Palestinian Medical Technology Association PMTA)**
- **Yemen , 2000 ( ?,Clinical Laboratory Sciences Society Yemen CLSSY)**
- **Libya , 2012 ( Dr Abud Ayed, Libyan society of Clinical Laboratories LSCL)**
- **Saudia Arabia 2018 (Dr Samia Sebki , Saudia Society of clinical chemistry SSCC )**
- **Koweit and Irak ?**



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## 15 Arab MedLabs

- **The first ArabMedLab was held in Egypt 1974**
- The second ArabMedLab was held in Damascus 1979
- The 3th ,4<sup>th</sup> and 5 th (1980, 1986, and 1988) ArabMedLab were held in in Egypt Cairo
- The 6thArabMedLab was held in Tunisia 1991 ( New organization and New status)
- The 7thArabMedLab was held in Syria 1994
- The 8thArabMadLab was held in Amman (Jordan) 1997
- The 9thArabMedLab was held in Rabat (Morocco) 2000
- The 10thArabMedLab was held in Monastir (Tunisia) 2004
- The 11thArabMedLab was held in Damascus (Syria) 2006
- The 12thArabMedLab was held in Beirut (Lebanon) 2009
- The 13thArabMedLab was held in Marrakech (Morocco) 2012
- The 14thArabMedLab was held in Sudan (Khartoum) 2015
- **The ( last) 15thArabMedLab was held in Palestine (Ramallah) 2018**



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## I. Algeria 2017/2018 association Algerienne de Biologie Clinique

1. Training day on automated spermogram
2. The 2th Congress of practical Biology and the 7th French Speaking day of biology November 27-28, 2017
3. Continuos formation of Algerian private biologists 2018



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## I. Algeria : Activities 2017/2018

### SABC SOCIETE ALGERIENNE D E BIOLOGIE CLINIQUE



1. Continuous Formation
2. 5 th Clinical/ microbiology May-6 , 2017
3. 8th JMP ( Clinical /Pharmacists Day )  
November-8,2017
4. 7th Congress of Medical Biology and  
Laboratory Medecine May-6-7 , 2018



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## II. Saudi Arabia

### SSCC activities 2017/2018



1. **Annual meeting for the SSCC Jedda November 21-23 , 2017 The society hosted about 500 delegates.**
2. EDUCATION : Preanalytical working group was created with BD collaboration - The SSCC is collaborating with the journal called Journal of Health Specialties
3. MedLab conference, Dubai, UAE 5-8 Feb 2017 The society contributed with speakers in the scientific program
4. The best of AACC in the Middle East Abu Dhabi, UAE 23-24 March 2017 Collaborated with the AACC and Alborg laboratories in conducting the conference
5. Collaboration with other Saudi Laboratory Societies i.e Saudi society for Clinical Laboratory Sciences (SSCLS) has been established.
6. The SSCC was able to support one of the IFCC Travel Scholarship to attend Durban IFCC WorldLab meeting 2017. A Young Scientist from Zambia was able to attend the meeting. The Scholarship sponsoring was called "IFCC SSCC Travel Scholarship".
7. Election of New EB Dr Samia Sebki elected as President of SSCC May-7,2018

1. **Annual meeting for the SSCC Jedda December-5,6 , 2018**



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## III. Egypt : ESCC : The 60<sup>th</sup> Congress 1-2 November, 2018

- **Workshop :**

1. Laboratory Quality Management and Accreditation

- **Symposium I:**

1. Newborn Screening
2. Markers of Autoimmune Disease
3. Serum Biomarkers Panel in the Early Diagnosis of Lung Cancer



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## III. Egypt : ESCC : The 60<sup>th</sup> Congress 1-2 November, 2018

- **Symposium II:**

1. Point-of- Care Testing in the Emergency Department
2. Metabolomics and its Use in Studying and Treating Diabetes
3. Liquid Biopsy as an Emergency Non-invasive Clinical Tool to Cancer Patient Management
4. Molecular and Cellular Mechanisms of Aging – Associated Diseases
5. Antiangiogenesis Therapy: A new Strategy for Cancer Treatment



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## IV. Liban SNBL Activities 2017/2018



1. VII Congress of Lebanon Biologist and IV Congress of the International Francophone Federation under the IFCC and AFCB auspices March- 2-3-4 , 2017 (28 CME)
2. Continuous Education Session 3 CME November-4,2017
3. Continuous Education Session: November-19 ,2017, 1.5 CME
4. Continuous Education Session: April-2,2017, 3 CME
5. Partnership Agreement between SBL and Association FCBM (Toulouse France): e-Medicine Image (Hematology-Parasitology-Bacteriology)
6. Organization of EQC in Biochemistry, Hematology, Hormonology for all Lebanon laboratories
7. Organization of continuous education session (2018)
8. March 2019 Congress of Lebanon Biologist



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## V. Libya LSCL Activities 2017/2018



- Celebrate world blood donor day
- Training was carried out in many hospitals related to all aspects of professional quality laboratory activities;
- Antimicrobial Resistance
- biosafety and biosecurity : 3 workshops



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## VI. Marocco SMCC Activities 2017/2018



1. 17th Moroccan days of clinical Biology October -5-7,2017
2. Workshop : meeting Clinical-biology ( Prolactin ) september-15, 2017
3. Workshop 2018
4. 18th Moroccan days of clinical Biology September – 27-29,2018



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## VII. Palestine PMTA Activities in 2017



1. Regional Clinical Lab. Conferences in 11 Governorates 2017
2. Workshop Clinical Endocrinology :April-21 ,2017
3. National Lab. Week Theme “ Unite for Patient Care” April-25 , May-12,2017
4. Workshop HbA<sub>1c</sub> & Hb Electrophoresis Challenges & solutions :April-25 ,2017
5. Festival of the Labor Day : May-1 ,2017
6. Festival of Blood Donations Day :June-14 ,2017
7. Blood donation Campaign in all Palestinian Governorates June & July/2017
8. Workshop Genetics & Society : October -3,2017
9. Festival for the Diabetes World Day: November -14 , 2017
10. Workshop QC in Lab. Medicine : November-17,2017



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## VII. Palestine PMTA Activities in 2018-2020

1. **10<sup>th</sup> International Palestinian Conference Laboratory Medicine & the 15<sup>th</sup> Arab Conference of Clinical Biology (18-21 April – 2018).**
2. **Implementation of the Project “What Physicians didn’t know about the Lab.”**
3. **Training Course in Lab. Accreditation for Labs in the Privet Sector.**
4. **Training Course in Medical Lab. Institution, Supplies, Kits & disposable Marketing.**
5. **Establishment of the Continuing Education Center.**
6. **Establishment of the Clinical Research Center.**
7. **Establishment of the Lab. Medicine Club.**
8. **Hold the 11<sup>th</sup> International Palestinian Conference of Laboratory Medicine in 2020.**



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## VIII. Syria SCALA Activities 2017/2018

1. **The Damascus lab Days January 24-25-26,2017  
Infertility and tumors**
2. **Infections, bacterial transplants and parasites**
3. **Autism in clinical laboratory**
4. **Molecular biology**
5. **Heart valves.**
6. **Autosomal diseases and systemic diseases**



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## IX. Tunisia: STBC Activities 2017

1. Automation in microbiology, decision criteria, controls and traps January-20,2017
2. Diagnostic traps in hemostasis March-24,2017
3. Parasitological diagnosis of amoebiasis April-7,2017
4. JNBC2017 May
5. Validation of an automatic blood count October-6, 2017
6. World Thrombosis Day October -13, 2017
7. Thyroid exploration: the need for a clinical-biological dialogue October-14,2017
8. ANTI VITAMINS K October23, 2017
9. Characteristics of the biological assessment in geriatrics November - 24,2017
10. Clinical-biological screening of the T21 : December -15 ,2017



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## IX. Tunisia: STBC Activities 2018

- > Marqueurs biologiques viraux des hépatites B et C et VIH Tunis 9 /02/2018
- > Exploration thyroïdienne : nécessité d'un dialogue clinico-biologique Sousse 23/02/2018
- > Les Troponines ultra-sensibles Tunis 16/03/2018
- > Analyse automatisée en spermiologie Tunis 6/04/2018 K. Ben Abdallah
- > Validation de l'hémogramme Zaghouan 20/04/ 2018
- > 32th JNBC 2018 , May7-12 , 2018
- > Démarche diagnostique devant une anémie néonatale Sfax 7/09/2018
- > Pièges diagnostiques en hémostase -Phase pré-analytique en biochimie - Diagnostic microbiologique des IST Djerba 28/09/2018
- > Management du risque biologique Tunis 5/10/2018
- > Les antifongogrammes Tunis 26/10/2018
- > La qualité en microbiologie : focus sur le prélèvement - Electrophorèse de l'hémoglobine et des protéines Kebilli 10/11/2018 F.
- > RAI : étude de cas cliniques Sousse 30/11/ 2018
- > Le CQI en biologie clinique Tunis 14/12/2018
- > Apport des indices hématologiques dans le diagnostic différentiel des anémies microcytaires - Electrophorèse de l'hémoglobine
- > L'antibiogramme Bèja 22/02/2019



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## AFCB Activities I. Athenes June11-15 , 2017



The AFCB has organized with the collaboration of EFLM , FIFBCML and AFCC two successful experiences in Athens and Durban

A Mediterranean leading platform for collaboration and innovation in laboratory medicine

*Chair: M. Zablit , B. Gouget and Cochair : F Ben Hassine S. Amarine*

- 1- *A key player in the surrounding region to strenght clinical labs infrastructures and Expertise : C. Hadad*
- 2- *The role of the SMCC fore sharing and transferring laboratory medicine knowledge in Morocco : L. Chabraoui*
- 3- *STBC Trends in medical biology in Tunisia : A. Hedhili*
- 4- *ALAM The added –value of the clinical laboratory in the Algerian health Care system: A. Chachou*
- 5- *Round Table Chalenge in the managment of laboratory Medicine in the mediterranean and middle East : MT Ben Jelloun , T. Messoud , A. Ghedira A. Sabah*



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## AFCB Activities II. IFCC Worldlab Durban October - 22 - 25 , 2017



**Arab Federation Workshop: The evolution of lab medicine in the Arabic countries**

*Chair: L. Chabraoui (Marocco), B. Gouget (France)*

- 1- **The role of International aids to fight AIDS, tuberculosis and malaria in developing countries with special emphasis on Africa** *G. Shannan (Syria)*
- 2- **Pandemic Preparation and Response in the AFCB countries** *M. Haddad (Lebanon)*
- 3- **The primary care and round table session on Quality management and EQC in the Arab Federation countries the lab: an AFBC concern** *M.H. Kamil*



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### III. Euromediterranean Meeting Rome IFCC/EFLM/aAFCB/FIFBCML2 - 4 JULY, 2018

1. **1ST IFCC, EFLM, AFCB, FIFBCML Conference “Laboratory Medicine :Meeting the needs of Mediterranean Nations” Congress**
2. **Organizing committee : Smail Belazzoug - Layachi Chabraoui and Christian Haddad**
3. **Conference Scientific committee : Rania Abu Seir - Moahmed Shaarawy - Badre Eddine Lmimouni -Adnan Al-Khatib -Christian Haddad -Fethy Ben Hassine - Imessaoudene Belaid**
4. **Round table: “The Role of Laboratory Medicine to Address Migrant Health Issues” : Osama Najjar -Christian Haddad**



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### III. Euromediterranean Meeting Rome IFCC/EFLM/aAFCB/FIFBCML2 - 4 JULY, 2018

1. **Round table: “The Role of Laboratory Medicine to Address Migrant Health Issues”**
2. **Session n. 1: Improving Efficiency in Laboratory Medicine : Where is Medical Laboratory Diagnosis in Palestine in terms of accreditation and molecular diagnosis (Osama Najjar, Palestine)**
3. **Session n. 2: Transmissible Diseases in the Mediterranean Area : Pharmacogenomics: Pharmacogenomics and Therapy for Hepatitis C Virus infection (Mohamed Shaarawy, Egypt)**
4. **Session n. 3: Perinatal and Pregnancy Laboratory Medicine : The role of Laboratory Medicine for Health during Pregnancy (Adnan Alkhatib, Syria)**



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### III. Euromediterranean Meeting Rome IFCC/EFLM/aAFCB/FIFBCML2 - 4 JULY, 2018

4. **Session n. 4: Lab Med Training and Education: Training of Laboratory Medicine; South Mediterranean Layachi Chabroui ( Maroc)**
5. **Session n. 5: Mediterranean Diet and Area's specific Diseases :Epidemiological and molecular profile of Beta thalassemia in Tunisia Taieb Messaoud ( Tunisia)**
6. **Round Table: "Benchmarking the organization of Medical Biology in EuroMediterranean Countries" Mohamed Shaarawy (Egypt), Rania Abu Seir (Palestine), Abderrazek Hedhili (Tunisia)**



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### III. Next Euromediterranean Meeting 2020

**AFCB Participate in Alexandroupoulis Greece at the Steering committee meeting : Elaboration of the Draft guidelines for the organization of the IFCC Mediterranean Conference of laboratory Medicine ( Medit. Co.Lab)**

**IFCC : Sergio Bernardini**

**EFLM : Sverre Sandberg**

**AFCB : Abderrazek Hedhili**

**FIFBML: Bernard Gouget**

**North Mediterranean Countries : Alexander Hliosos**

**South Mediterranean Countries : Layachi Chabraoui**



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**V.15th Arab Conference Of Clinical Biology April-18-21  
IFCC Symposium I: Laboratory Innovations  
Pr. S.Bernardini**



- 1. Prof. Bernard Guget E Health Tools For The Medical Lab For Better Outcomes**
- 2. Dr. Alexander Haliassos Digital Tools For Researchers In Laboratory Medicine**
- 3. Prof. Sergio Bernardini The Clinical Significance Of Circulating miRNAs As Biological And Prognostic Markers**



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**V.15th Arab Conference Of Clinical Biology April-18-21  
IFCC Symposium II: Health and Environment : Pr. Hedhil. A**



- 1. Dr. Nelson .M: Mycotoxins In Food Commodities**
- 2. Pr. J.C.Alvarez Intoxications And Deaths Involving Pesticides**
- 3. Pr. Hedhili .A: Drug Abuse Role Of Toxicological Laboratory And Arab Situation**
- 4. Dr. J.Langrand : Organization Of Poison Control Centers In France .**



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## V.15th Arab Conference Of Clinical Biology April-18-21

1. Pr. P. Fortina : Interpreting The Genome Through Next Generation Sequencing
2. Pr. P. Fortina: Implementing Cancer Molecular Profiling
3. Pr. P. Fortina Technologies For Personalized Medicine (Workshop )
4. Pr.M. Ferrari How To Imagine The Future Of Laboratory Medicine
5. Pr. Maurizio Ferrari: Non-Invasive Prenatal Diagnosis By Circulating Nucleic Acid Analysis
6. Pr. Maurizio Ferrari Molecular Diagnostic Methods And Quality Assurance (Workshop )
7. Pr. B Gouget : Big Data In Lab Medicine



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## V.15th Arab Conference Of Clinical Biology April-18-21 Palestine :EB AFCB Meeting

1. Obligation of the AFCB and the all Arab societies to submit their annual SCIENTIFIC activity reports to the IFCC EB
2. All the Arab societies must pay their annual IFCC fees
3. Support by the IFCC EB the candidate of One Arab Society to the organization of the next general conference and The 2st IFCC, EFLM, AFCB Conference on "Laboratory Medicine: Meeting the needs of Mediterranean Nations"
4. Encouragement of the participation of the majority of the Arab societies at the next general conference in Budapest
5. Unaffordable high cost of Congress ( registration fees , travel and hotel accommodation ) : Reduction of registration fees for Developing countries
6. The AFCB hopes the support of the candidate of the Arab biologists to the IFCC committees



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## V. 15th Arab Conference Of Clinical Biology April-18-21 Palestine :EB AFCB MEETING

1. Honorary President : Pr Mohamed Chaarawy Egypt
2. Past President : Dr. Kamel Mohamed Hassen Sudan
3. President : Osama Najjar Palestine
4. Vice President : Hedhili Abderrazek Tunisia
5. Secretary General : Christian Hadad Lebanon
6. Treasury : Mohamed Touimi Ben Jeloun Morocco

### Members:

7. Dr. Youssef Bilto Jordan
8. Dr. Aboud Ayed Libya
9. Dr. Charbeji Samir Yemen
10. Dr Abdelhamid Chachou Algeria
11. Dr Adnan el Khatib Syria
12. Saudia Arabia:
13. Prof. Hedhili.A Tunisia President of the Scientific Committee



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## VI. Meeting of AFCB EB Casablanca Marocco September 27-29 ,2018

1. **Revision of the status of AFCB and elaborate a new document .**
2. Collaboration between the AFCB and the other federations (EFLM, AFCC ...) and the organization of the of the AFCC congress in Marrakech September – 2019
3. Collaboration between IFCC/AFCB (Young Scientists, VLP, IFCC Annual Assistance to AFCB ) .
4. Encouragement of the Organizing of the 2 th Euro-Mediterranean Meeting and the candidacy of Tunisia in 2020 (south /north alternance )
5. The AFCB have participate in Athens October 10-14, 2018 meeting ( elaborate a project of status )
6. Creation of the AFCB Awards ( Every 3 Years during Arab Congress)
7. **Every year the AFCB must to encourage the organization of a young scientific meeting in 4 or 5 AFCB affiliate countries by attribution of 2000 - 2500 dollars per country ) : Palestine –Tunisia –Morocco-Syria-Liban –Egypt -Libya**



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## Next Arab Meeting :

1. Arab Congress  
16<sup>th</sup> Lebanon 2021  
17<sup>th</sup> Morocco 2024
2. Algeria FIFBCML and Algerian Congress 2019
3. Organization of the African Congress by SMCC Morocco 2019 ,
4. SNDBL Beyrouth March 2019
5. STBC Hammamet April 2019
6. Saudia Arabia December 2018



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## IFCC STBC Meeting Hammamet – Tunisia February 1st, 2019 Scientific Program

- 8:30-9:00: Welcome § Registration
- 9:00-9:15: Opening : STBC President/ IFCC President
- 9:15-9:45: Vitamin D to improve health outcomes :Howard Morris (Australia)
- 9:45-10:15: Circulating tumor DNA: A promising biomarker in the liquid biopsy of cancer : Maurizio Ferrari (Italy)
- 10:15-10:30: Coffee break
- 10:30-11h: Validation of prostate cancer biomarkers and inflammation: A proteomic study : Tomris Ozben (Turkey)
- 11:00-11:30: Use of POCT for glycated haemoglobin measurement for diagnosis and management of type 2 diabetics in Africa : Kunle Okesina (Nigeria)
- 11:30-12:00: Role of genetic markers in clinical expression variability of mucoviscidosis in Tunisia : Sondes Hadj Fredj (Tunisia)
- Molecular and functional study of the autoimmune lymphoproliferative syndrome in highly consanguineous populations : Imen Ben Mustapha (Tunisia)
- 12 :00-14 :00 : Lunch
- 14 :00-14 :30 : Biological variation Sverre Sandberg (Norway)
- 14:30-15:00: Who or what is SHERLOCK ? Ann Gronowski (USA)
- 15:00-15:30: Laboratory accreditation experience in LATAM Rose Sierra-Amor (Mexico)
- 15:30-16:00: Standardization and harmonization in laboratory medicine Howard Morris (Australia)
- 16:00: Closing





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 IFCC STBC Meeting Hammamet – Tunisia February 1st, 2019 



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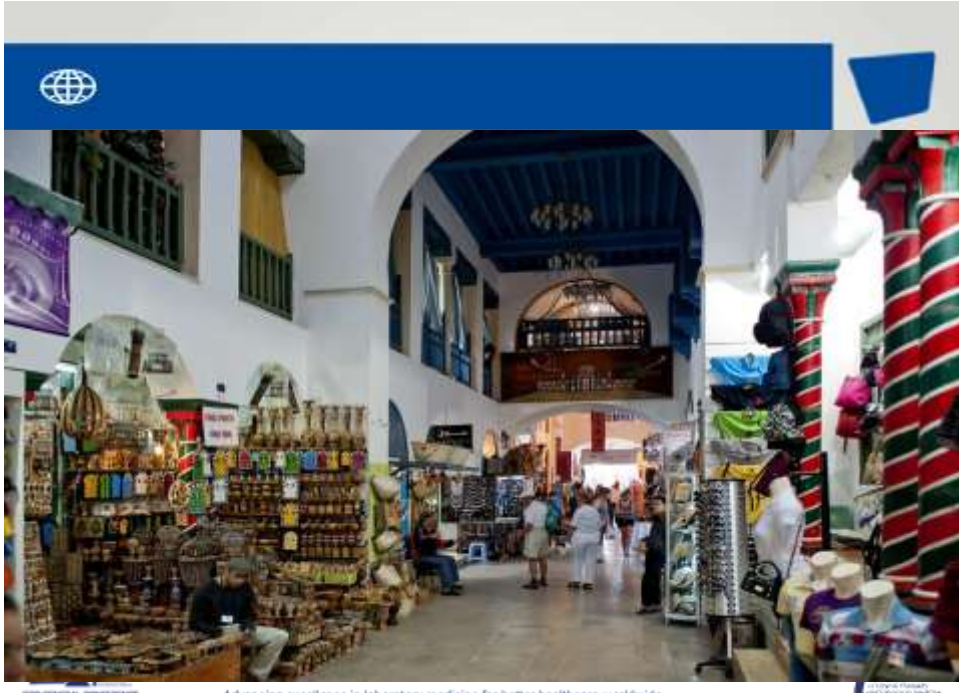
 



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# Thank you

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